

ASSIGNMENT 7

Textbook Assignment: "Storage Afloat and Ashore," chapter 7, pages 7-1 through 7-20.

- 7-1. The receipt, storage, and issue of materials for safekeeping and rapid availability is known as what kind of storage?
1. Outside
 2. Storeroom
 3. Warehousing
 4. Space layout
- 7-2. A consignment of cargo measuring more than 40 cubic feet per ton describes which of the following terms?
1. Measurement cargo
 2. Deadweight cargo
 3. Measurement ton
 4. Storage factor
- 7-3. The term *storage factor* indicates what type of measurement?
1. Weight of a cubic foot of cargo after packed for shipment
 2. Number of ship tons that can be loaded into a cargo hold
 3. Amount of deadweight or measurement cargo loaded
 4. Number of cubic feet required for a long ton of cargo packed for shipment
- 7-4. Supply departments afloat take which of the following actions to meet basic storage requirements?
1. Ensure maximum use of available space
 2. Provide orderly storage and ready accessibility
 3. Facilitate and make sure the first in, first out (FIFO) method is used
 4. All of the above
- 7-5. Which of the following publications provide specific storage instructions for (a) subsistence and (b) ship's store items?
1. (a) NAVSUP P-487 (b) NAVSUP P-486
 2. (a) NAVSUP P-486 (b) NAVSUP P-487
 3. (a) NAVSUP P-485 (b) NAVSUP P-486
 4. (a) NAVSUP P-487 (b) NAVSUP P-485
- 7-6. Oxidizing materials, such as calcium hypochlorite, are listed in the HMIS and identified by what SMCC?
1. J
 2. K
 3. L
 4. M
- 7-7. Where should oxidizer materials other than oxygen, chlorine gases, and calcium hypochlorite be stored?
1. In a dry compartment away from combustible materials
 2. In a paint locker away from other materials
 3. In flammable liquids locker
 4. In a general use bulk storerooms that is below 100°F
- 7-8. For what reason is calcium hypochlorite considered hazardous?
1. It is combustible
 2. It emits noxious odors
 3. It reacts violently to other materials
 4. It generates heat in a confined space
- 7-9. Bins or lockers used to store calcium hypochlorite meets which of the following conditions of storage?
1. Be labeled HAZARDOUS MATERIAL-CALCIUM HYPOCHLORITE in red letters on a white background
 2. Be located in an area free of combustible organic material storage and not adjacent to a magazine
 3. Be located in an area not subject to condensation or water accumulation, and which, under normal operating conditions, does not exceed a temperature of 140°F
 4. All of the above
- 7-10. The Department of the Navy *Information and Personnel Security Program Regulation*, OPNAVINST 5510.1, covers which of the following types of material?
1. Classified
 2. Sensitive
 3. Delicate instruments
 4. All of the above

- 7-11. What color does a humidity indicator card turn when the desiccant becomes ineffective?
1. Green
 2. Blue
 3. Pink
 4. Red
- 7-12. Instructions for storage and handling of radioactive electron tubes are found in what reference?
1. NAVSUP P-485
 2. NAVSUP P-487
 3. *NSTM*, chapter 670
 4. *NSTM*, chapter 9670
- 7-13. The bungs of drummed products stored on board ship are inspected at what minimum time intervals?
1. Daily
 2. Weekly
 3. Monthly
 4. Quarterly
- 7-14. When repacking magnetrons, you should leave what minimum distance between the center of the magnetic field and the outside of the container?
1. 1 inch
 2. 2 inches
 3. 3 inches
 4. 4 inches
- 7-15. Which of the following storage practices should NOT be used aboard ship for compressed gases?
1. Cylinders will be stored on weather decks if below-deck storage is not provided
 2. Cylinders will be protected from direct sunlight
 3. Cylinders will be stored horizontally
 4. Cylinders will be protected from accumulations of ice
- 7-16. Compressed gas in a cylinder pressurized to 2,200 psi that has its valve accidentally snapped off can travel what maximum number of feet in free flight?
1. 1,000
 2. 1,600
 3. 2,000
 4. 2,600
- 7-17. Detailed information relative to the storage, handling, and use of various types of compressed gases is contained in which of the following publications?
1. *Hazardous Material Information Systems*, NAVSUP P-4500
 2. *Naval Ships' Technical Manual*, chapters 670 and 9230
 3. *Military Standard Marking for Shipment and Storage*, MIL-STD 129L
 4. *Supply Afloat*, NAVSUP P-485
- 7-18. Acetylene could explode when subjected to which of the following conditions?
1. Moderate weather
 2. Contact with chlorine, copper, silver, or mercury
 3. Storage of the cylinder in a vertical position
 4. Extreme cold
- 7-19. The test for leaks of acetylene cylinders is performed using which of the following substances?
1. Grease
 2. Alcohol
 3. Soapy water
 4. Distilled water
- 7-20. Why are acetylene cylinders stored in upright positions with the valve end up?
1. To prevent acetone from flowing into the valve
 2. To assure the acetone will remain in the valve
 3. To prevent the buildup of static electricity
 4. To protect them from sparks and lightning
- 7-21. As an oxidizing agent, oxygen and chlorine gas is stored in what locations?
1. On the weather deck
 2. In separate watertight storerooms that are at least one compartment between it and any space used to store other combustibles
 3. Both 1 and 2 above
 4. In a storeroom that has a sprinkler system
- 7-22. Nonflammable gases such as helium, nitrogen, carbon dioxide, and argon may be stored in which of the following locations?
1. Watertight storerooms below deck
 2. On the weather deck along with flammable or oxidizing gases
 3. In a space aboard ship that is sufficiently enclosed to prevent ventilation
 4. In a passageway inside the skin of the ship

- 7-23. Which of the following characteristics may be attributed to aerosol products?
1. The cylinders will burst if exposed to heat above 120°F
 2. The cylinders are prone to leakage if subjected to impact
 3. The contents can be anesthetic or asphyxiating
 4. All of the above
- 7-24. What is the flash point of (a) flammable liquids and (b) combustible liquids, greases, and pastes?
1. (a) 100°F or below
(b) 200°F or below
 2. (a) Above 100°F
(b) above 200°F
 3. (a) 200°F or below
(b) 100°F or below
 4. (a) Above 200°F
(b) above 200°F
- 7-25. Which of the following materials may be stored in racks on the weather deck?
1. Drums of paint and thinners
 2. Drums of alcohol, acetone, and ether
 3. Drums of chemicals
 4. Drummed petroleum products
- 7-26. Storeroom personnel should wear protective clothing when storing which of the following containers?
1. Acids
 2. Compressed gases
 3. Flammable liquids
 4. All of the above
- 7-27. When storing acid in a flammable liquid storeroom, which of the following procedures should be used?
1. Acid bottles will be in metal containers
 2. The storeroom deck and lower bulkhead is lined with a watertight rubber lining
 3. The outside door of the storeroom will have a sign indicating ACID STORAGE
 4. Both 2 and 3 above
- 7-28. What method is used to positively re-identify metals?
1. Chemical analysis
 2. Visual inspection
 3. Hardness testing
 4. All of the above
- 7-29. Effective attainment of shelf-life material control depends primarily on the efforts of what personnel aboard ship?
1. Personnel doing repair work
 2. Supply support center personnel
 3. Storeroom personnel
 4. Technical library personnel
- 7-30. Shelf-life codes are assigned to which of the following types of items?
1. Hazardous
 2. Deteriorative
 3. Critical
 4. All NSN items
- 7-31. Type I shelf-life items are identified by which of the following shelf-life action codes?
1. UU
 2. VV
 3. WW
 4. XX
- 7-32. What action is required when a shelf-life item is not marked with any date that can be determined and has an extended value of \$50 or more?
1. Request disposition instructions from the inventory manager
 2. Request disposition instructions from the type commander
 3. Turn in to stores ashore for disposition
 4. Survey as unfit for issue
- 7-33. Which of the following shelf-life items will require the coolest and driest space available for storage?
1. Dry cell batteries
 2. Aluminum electrolytic capacitors
 3. Chemicals and rubber products
 4. All of the above
- 7-34. At least how often should shelf-life material be inspected?
1. As frequently as necessary, according to shelf-life code
 2. During the scheduled inventory cycle
 3. Only as issued
 4. Before a shipyard overhaul

- 7-35. When your ship cannot restore a type II shelf-life item that has reached the end of its storage life, it should be
1. turned in ashore
 2. returned to stock after testing
 3. surveyed and destroyed
 4. used only for a secondary purpose
- 7-36. For what purpose may some type I shelf-life items be used when they reach the end of their storage life?
1. The intended purpose after renovation
 2. The intended purpose after testing
 3. A secondary purpose after restoration
 4. A secondary purpose not requiring an RFI condition
- 7-37. Type I shelf-life items are NOT turned in to CONUS supply activities under which of the following conditions?
1. Regardless of cost when the item consists of preformed gasket material
 2. Regardless of cost when the item consists of rubberized material
 3. When the extended cost of the item is less than \$50 or remaining storage life is less than 3 months
 4. When the extended cost of the item is less than \$100 or the remaining storage life is more than 3 months
- 7-38. Disposition of shelf-life items, designated as critical, should be effected according to pertinent directives issued by which of the following individuals or activities?
1. SSC aboard ship
 2. NSC Oakland or Norfolk
 3. Cognizant inventory manager
 4. Controlling department aboard ship
- 7-39. When securing departmental spaces for sea, who does the supply officer report to when ready for sea?
1. Commanding officer
 2. Officer of the deck
 3. Executive officer
 4. Petty officer of the watch
- 7-40. The amount and type of stores anticipated is the primary factor to determine the number of receiving stations to be manned.
1. True
 2. False
- 7-41. During replenishment, hazardous material should be handled in what manner?
1. Separate on deck until replenishment is complete
 2. Hold at the receiving area until completion of replenishment
 3. Store immediately in appropriate storerooms
 4. Accumulate away from the receiving area and post a fire watch
- 7-42. The primary value of underway replenishment is realized (a) during what condition and it provides (b) what capabilities?
1. (a) Inclement weather
(b) enables a ship to top-off at small foreign ports
 2. (a) Peacetime
(b) provides a ship with improved training capabilities
 3. (a) A world cruise
(b) a continuous supply of fresh fruits and vegetables
 4. (a) Wartime
(b) enables a ship to extend its sea time
- 7-43. Which of the following characteristics is/are attributable to HULL material?
1. Material that is normally received in small quantities
 2. Bulky material
 3. Material that is easily handled with materials-handling equipment
 4. Material that is compact and can be quickly stored
- 7-44. Which of the following types of stores present the least handling problems?
1. Consumable stores
 2. Fresh provisions
 3. Dry provisions
 4. General stores
- 7-45. When receiving fresh food items, supervise handling operations carefully to prevent
1. damage
 2. spoilage
 3. pilferage
 4. unnecessary handling

- 7-46. Underway replenishment causes the loss of frozen foods primarily by
1. unnecessary handling
 2. pilferage
 3. damage
 4. thawing
- 7-47. To reduce the opportunity for theft, you should use what method to handle ship's store stock?
1. Only responsible petty officers can handle the stock
 2. Responsible petty officers should visually monitor stock during all handling operations
 3. Only use supply department personnel
 4. An accountable officer should supervise handling operations
- 7-48. Overall coordination of underway replenishment is normally exercised by what officer?
1. Supply
 2. Executive
 3. Operations
 4. First lieutenant
- 7-49. The supply officer is primarily responsible for which of the following replenishment procedures?
1. Maintaining materials-handling equipment
 2. Enforcing safety precautions at replenishment stations
 3. Moving stores after they are received
 4. Returning slings, nets, and pallets to the transferring ship
- 7-50. A replenishment station is involved in all EXCEPT which of the following actions?
1. Receiving
 2. Striking
 3. Storing
 4. Sorting
- 7-51. Normally, strike areas are located near which of the following areas?
1. Final storage
 2. Sorting
 3. Receiving
 4. All of the above
- 7-52. In selecting a sorting area, the primary consideration will be given to which of the following factors?
1. Its proximity to the storage area
 2. The equipment that can be used in striking the stores
 3. The space available for unloading nets
 4. The efficient use of time and effort
- 7-53. The number of persons required for replenishment is determined by all EXCEPT which of the following factors?
1. Amount of materials-handling equipment available
 2. Number of available petty officers
 3. Number of stations to be manned
 4. Type and quantity of stores anticipated
- 7-54. Petty officers in charge of working parties should be assigned on the basis of one petty officer for each
1. replenishment station
 2. working party of 10 members
 3. division furnishing personnel for working parties
 4. stores-handling station
- 7-55. Petty officers in charge of working parties from other divisions should possess which of the following traits?
1. Obeys all regulations
 2. Exceptional personality
 3. Supervisory experience
 4. All of the above
- 7-56. When a working party mans a station for an extended time, which of the following practices should be done to prevent fatigue?
1. Provide for rest periods by a relief-working party
 2. Take into account the amount of stores to be handled at each station
 3. Provide the members with drinking water
 4. All of the above

- 7-57. During replenishment, supervisory functions are maximized by utilizing which of the following procedures?
1. Maintaining a strict overlap of supervisory functions
 2. Giving supervisors responsibility within a definite area
 3. Breaking functions down to manageable areas
 4. Both 2 and 3 above

7-58. What is the primary responsibility of a checker?

1. Supervise overall operation of the station
2. Check and sort stores and supervise their removal from the station
3. Ensure a constant flow of stores through the station
4. Check and sort stores moving through his or her station

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| A. Transporter |
| B. Forklift truck |
| C. Pallet Jacks |
| D. Tractor |

IN ANSWERING QUESTIONS 7-59 THROUGH 7-61, SELECT THE MATERIALS-HANDLING EQUIPMENT FROM THE ABOVE LIST THAT SHOULD BE USED IN HANDLING THE SITUATION LISTED IN THE QUESTION.

7-59. Palletized loads are to be moved across a hangar deck and stacked two-high.

1. A
2. B
3. C
4. D

7-60. Palletized loads are to be shifted within the limited space of a sorting area.

1. A
2. B
3. C
4. D

7-61. A large number of palletized loads must be moved the length of the hangar deck.

1. A
2. B
3. C
4. D

7-62. Wheel or roller conveyers provide a rapid means to accomplish which of the following cargo movements?

1. Moving palletized loads over relatively long distances
2. Moving cargo away from the receiving area
3. Moving cargo up a ramp
4. Moving cargo short

- | |
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| <ul style="list-style-type: none"> A. Refrigerated B. General Purpose C. Flammable |
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IN ANSWERING QUESTIONS 7-63 THROUGH 7-65,
SELECT THE TYPE OF STORAGE FROM THE ABOVE LIST
THAT SHOULD BE USED FOR THE SITUATION LISTED IN
THE QUESTION.

7-63. Combination of stacks, pallet racks, and retail bins used to accommodate different material categories.

- 1. A
- 2. B
- 3. C

7-64. Divided into two distinct areas.

- 1. A
- 2. B
- 3. C

7-65. Have firewalls with a 4-hour fire resistance.

- 1. A
- 2. B
- 3. C

7-66. In a warehouse, direct access to stacks of material is provided by which means?

- 1. Elevators
- 2. Platforms
- 3. Main aisles
- 4. Cross aisles

7-67. The chill space in a refrigerated warehouse should have a controlled temperature within what specific range?

- 1. 36°F to 46°F
- 2. 35°F to 65°F
- 3. 33°F to 55°F
- 4. 32°F to 50°F

7-68. Which of the following types of material is suitable for open storage?

- 1. Electronic material
- 2. Paper products
- 3. Material not easily damaged by adverse weather conditions
- 4. Consumables

7-69. What type of aisle serves as the lifeline of a warehouse?

- 1. Service
- 2. Fire
- 3. Cross
- 4. Main

7-70. In what type of aisle do most of the storage operations take place?

- 1. Transportation
- 2. Personnel
- 3. Main
- 4. Cross

- | |
|---|
| <ul style="list-style-type: none"> A. Similarity Storage B. Popularity storage C. Material characteristics |
|---|

IN ANSWERING QUESTIONS 7-71 THROUGH 7-74,
SELECT THE STORAGE SYSTEM FROM THE ABOVE
LIST THAT IS DESCRIBED BY EACH QUESTION.

7-71. Highly pilferable items are stored in a security cage inside a warehouse.

- 1. A
- 2. B
- 3. C

7-72. All stocked items of a group and class are located in one area.

- 1. A
- 2. B
- 3. C

7-73. Fast-moving items are located nearest the issue processing point in a warehouse.

- 1. A
- 2. B
- 3. C

7-74. Flammable liquids are stored in a warehouse with an installed fire detection and a controlled device.

1. A
2. B
3. C

7-75. Normally, what type of aisle is used only for special commodities of materials?

1. Personnel
2. Service
3. Cross
4. Main